

A B S T R A C T

AUTHENTICATION METHOD AND DEVICE IN A TELECOMMUNICATION
NETWORK USING A PORTABLE DEVICE

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This method of authenticating the user (U) of a terminal (2) connected to an Internet type network comprises the following steps:

- setting up (E15) a communications channel in a
10 secure mobile telephony network (GSM) between mobile equipment (3) of said user (U) situated close to the terminal (2) and an authentication unit (1);
- the terminal (2) downloading (E30) an auto-run digital code from said authentication unit (1);
- 15 · said mobile equipment sending (E40) a sound signal via said mobile communications channel to said authentication unit (1), the sound signal being generated (E35) by the terminal (2) on the basis of said digital code; and
- 20 · authenticating said user (U) on the basis:
 - of the sound signal received (E40) via said mobile communications channel (GSM); and
 - of an identifier (GSM_No) of said mobile equipment (3).

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Translation of the title and the abstract as they were when originally filed by the
35 Applicant. No account has been taken of any changes that may have been made subsequently by the PCT Authorities acting ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.